

Converting Colors

CIELCh(89, 51.027, 9.928)

Have a look what the booklet for
CIELCh(89, 51.027, 9.928) contains.

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Color

CIELCh(82, 28.786, 356.000)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9D1
RGB	255, 185, 209
RGB Percent	100%, 73%, 82%
CMY	0.0016, 0.2760, 0.1819
CMYK	0.00, 0.27, 0.18, 0.00
HSL	339°, 99%, 86%
HSV	339°, 27%, 100%
XYZ	69.8124, 60.2982, 68.0231
YIQ	208.6660, 34.0160, 22.3040

Conversions

Conversions Part 2

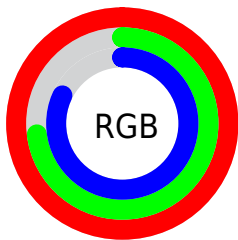
Format	Color
R _Y B	255, 185, 209
Decimal	16759249
CIE Lab	82.00, 28.72, -2.01
CIE LCh	82, 28.786, 356.000
Yxy	60.2982, 0.3523, 0.3043
Android (android.graphics.Color)	4294949329 (0xFFFFB9D1)
YUV	208.6660, 0.1647, 40.6349
Hunter-Lab	77.6519, 24.5883, 2.4182

Details

The CIELCh color **82, 28.786, 356.000** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 26.853, 170.346**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 8.100, 324.685**, and **62, 28.917, 355.355** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.615, 357.440**, and if you desaturate by 10%, it is **88, 18.046, 354.778**.

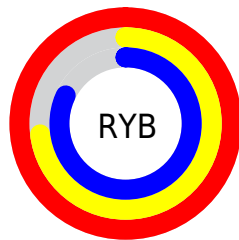
Distribution



Red (100%)

Green (73%)

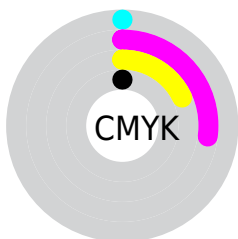
Blue (82%)



Red (100%)

Yellow (73%)

Blue (82%)

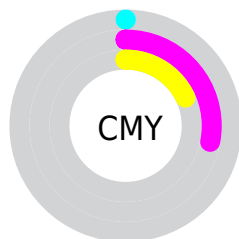


Cyan (0%)

Magenta (27%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 28.786, 356.000 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 28.786, 356.000 by changing the saturation by 10% instead.


 82, 28.786,
356.000

 82, 28.786,
356.000


 100, 28.786,
356.000

 72, 28.786,
356.000

 62, 28.786,
356.000

 52, 28.786,
356.000

 42, 28.786,
356.000

 32, 28.786,
356.000

 22, 28.786,
356.000

 12, 28.786,

356.000

■ 2, 28.786, 356.000

■ 0, 28.786, 356.000

■ 82, 28.786,
356.000

■ 82, 28.786,
356.000

■ 76, 39.615,
357.440

■ 88, 18.046,
354.778

■ 70, 50.248,
359.172

■ 95, 7.589, 353.687

■ 65, 60.260, 1.307

100, 0.145,
203.978

■ 61, 69.139, 3.993

■ 58, 76.395, 7.409

■ 55, 81.780, 11.727

■ 54, 85.541, 16.986

■ 54, 86.436, 18.364

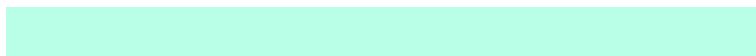
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 28.786, 356.000



95, 26.853, 170.346

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 28.786, 356.000



82, 28.786, 46.000



82, 28.786, 176.000



82, 28.786, 226.000

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 28.783, 356.003



95, 8.131, 353.742



81, 40.317, 315.323



50, 5.794, 353.903



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 28.783, 356.003



79, 34.809, 356.765



84, 23.957, 34.271



50, 5.794, 353.903



40, 69.405, 17.296



10, 31.324, 9.562

Inverse Universe

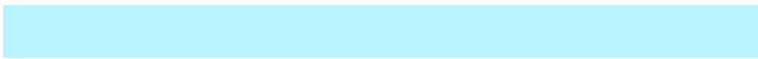
The Inverse Universe completely reimagines the original color for something new.



82, 28.783, 356.003



79, 34.809, 356.765



93, 19.714, 214.340



50, 5.794, 353.903



40, 69.405, 17.296



10, 31.324, 9.562

Previews

White Background



This preview shows how the CIELCh color 82, 28.786, 356.000 looks on a white background.

Color Contrast Check

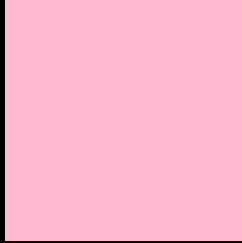
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 28.786, 356.000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 28.786, 356.000

Background



This preview shows how black text looks on a background with the CIELCh color 82, 28.786, 356.000.



This preview shows how white text looks on a background with the CIELCh color 82, 28.786, 356.000.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
82, 28.786, 356.000

Protanopia
82, 9.016, 290.971

Deuteranopia
82, 10.156, 355.615



Tritanopia
82, 26.641, 5.733

Trichromacy



Original Color
82, 28.786, 356.000

Protanomaly
82, 14.217, 332.356

Deuteranomaly
82, 16.877, 354.867

Tritanomaly
82, 27.484, 1.726

Monochromacy



Original Color
82, 28.786, 356.000

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 10.697, 353.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 28.786, 356.000 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 209)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 28.786, 356.000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 209) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 185, 209) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 28.786, 356.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 209) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
185, 209) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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